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NPIC/R-143/62

October 1962

PHOTOGRAPHIC INTERPRETATION REPORT

**OAK-PART II**  
**MISSION 9045**

**30 SEPTEMBER - 2 OCTOBER 1962**



ARMY



NAVY



AIR FORCE

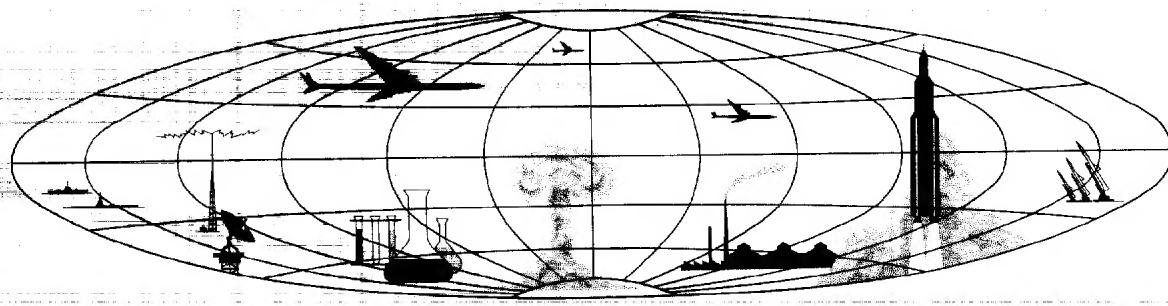


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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1  
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downgrading and declassification

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## OAK-PART II MISSION 9045

### PREFACE

THIS IS THE SECOND AND LAST DAILY OAK REPORT BASED ON MISSION 9045 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT COVERS THE OAK-REPORTING PERIOD FROM 1800 HOURS, 7 OCTOBER 1962, TO 1630 HOURS, 8 OCTOBER 1962.

TARGETS, INCLUDING THOSE WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED BECAUSE OF LIMITING CONDITIONS (IDENTIFICATION ONLY), ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. IN ADDITION, THIS REPORT CONTAINS AN INDEX OF ALL ACTIVE COMOR TARGETS CONSIDERED DURING THE OAK SCAN OF MISSION 9045 INCLUDING THOSE TARGETS NOT OBSERVED OR NOT COVERED BY THE PHOTOGRAPHY. ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED. TARGETS OF OPPORTUNITY (BONUS TARGETS) OBSERVED DURING THE CURRENT OAK-REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT FOLLOWING THE LISTING OF COMOR TARGETS.

SELECTED PHOTOGRAPHIC REFERENCES ARE GIVEN FOR EACH TARGET OBSERVED AND REPORTED FOLLOWING THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE PREFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESES FOLLOWING THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS KH-4 (1) APR 62.

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY FROM MISSION 9045 WAS ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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SUMMARY

STATUS OF COMOR TARGET READOUT: --

A TOTAL OF 62 TARGETS WERE OBSERVED DURING THE CURRENT REPORTING PERIOD AND ARE COVERED BY THIS REPORT.

## SUMMARY OF MISSILE ACTIVITY

THE FOLLOWING IS A COMPILATION OF MISSILE FACILITIES OBSERVED ON MISSION 9045. THIS COMPILATION INCLUDES ONLY THOSE FACILITIES WHICH HAVE BEEN IDENTIFIED FOR THE FIRST TIME FROM PHOTOGRAPHY --

| TYPE               | PART I | PART II | TOTAL |
|--------------------|--------|---------|-------|
| MRBM LAUNCH SITES  | 0      | 1       | 1     |
| SA-3 SAM SITES     | 0      | 1       | 1     |
| SA-2 SAM SITES     | 0      | 3       | 3     |
| NEW-TYPE SAM SITES | 0      | 1       | 1     |

HIGHLIGHTS

25X2

A NEW INLINE MRBM SITE IS LOCATED 5 NM WNW OF KRASKIN.  
(MISSILE BONUS 1).NEW SA-3 SAM LAUNCH SITE IS LOCATED 12.5 NM NNE OF KALININGRAD.  
(MISSILE BONUS 2).TWO NEW SA-2 SAM LAUNCH SITES HAVE BEEN IDENTIFIED IN POLAND AND ONE

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MISSILESPLESETSK ICBM LAUNCH COMPLEX 6252N 04040E

ALL LAUNCH POINTS AND AREAS CLOUD COVERED EXCEPT LAUNCH AREA E. NO SIGNIFICANT CHANGES OBSERVED IN THE CLEAR AREAS WITHIN A 35-NM RADIUS OF PLESETSK ICBM LAUNCH COMPLEX.

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YURYA ICBM LAUNCH COMPLEX 5903N 04919E

NO SIGNIFICANT CHANGES ARE NOTED AT THE COMPLEX SUPPORT FACILITY, THE AUXILIARY SUPPORT FACILITY, THE RAIL-TO-ROAD TRANSFER POINT, OR LAUNCH AREAS A AND B, BOTH TYPE II, MOD A.

LAUNCH AREA C, A COMPLETED TYPE II, MOD B SITE, HAS THE CANTED READY BUILDING BEHIND THE EAST PAD.

LAUNCH AREA D, A TYPE II, MOD B SITE IN LATE STAGE OF CONSTRUCTION, CONTAINS A CANTED READY BUILDING SOUTH OF THE WESTERN PAD. THE EASTERN PAD IS NOT COMPLETE, NOR IS THERE A READY BUILDING TO THE REAR.

LAUNCH AREA E, A TYPE II SITE (ATTACHMENT I), IS STILL UNDER CONSTRUCTION, HOWEVER, IT APPEARS THAT AT THIS LATER STAGE OF CONSTRUCTION AN IDENTIFYING ROAD PATTERN FOR HARDENED LAUNCH AREAS IS BEGINNING TO DEVELOP. THE EXCAVATION HAS BEEN NEARLY BACKFILLED AND A ROAD PARALLELS THE EXCAVATION BEHIND THE CONTROL BUNKER. IT LOOPS NORTHWARD AT THE WEST END OF THE EXCAVATION AND FORKS, ONE FORK TERMINATING AT AN APRON WITH TWO BUILDINGS ON IT, THE OTHER APPARENTLY TERMINATING AT ONE OF TWO OBJECTS IN THE PARTIALLY BACKFILLED EXCAVATION.

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A ROAD AND POWER-SERVED UNIDENTIFIED SECURED AREA (NEW SINCE [REDACTED]) IS LOCATED 2,800 FT EAST OF LAUNCH AREA E. TREES ARE BEING CLEARED WITHIN THE SECURED AREA WHICH MEASURES 1,350 BY 900 FT.

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LAUNCH AREA F IS A TYPE II MOD B AREA IN MID-STAGE OF CONSTRUCTION. IT HAS ONE READY BUILDING, CANTED, AND IT APPEARS THAT THIS WILL BE THE ONLY READY BUILDING AT THIS AREA. CONSTRUCTION ACTIVITY IS NOTED AT BOTH LAUNCH PADS.

DARKNESS PRECLUDES AN ANALYSIS OF LAUNCH AREA G, A TYPE III AREA, HOWEVER, IT APPEARS THAT CONSTRUCTION ACTIVITY IS CONTINUING. NO SIGNIFICANT STRUCTURES ARE NOTED IN THE EXCAVATION.

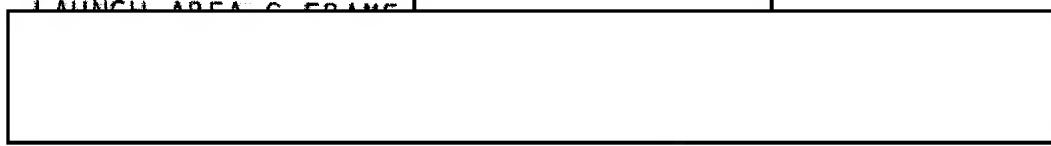
NO ADDITIONAL SIGNIFICANT FACILITIES WERE OBSERVED IN A SEARCH WITHIN A 35-NM RADIUS OF THE COMPLEX.

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PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON PASS [REDACTED] ARE AS FOLLOWS --

LAUNCH AREA A FRAME  
LAUNCH AREA B FRAME  
LAUNCH AREA C FRAME  
LAUNCH AREA D FRAME  
LAUNCH AREA E FRAME  
LAUNCH AREA F FRAME  
LAUNCH AREA G FRAME

25X1



25X1

25X1



25X1

[REDACTED] TYURA TAM MISSILE TEST CENTER 4550N 06318E

25X1

[REDACTED] PROVIDES THE BEST KEYHOLE COVERAGE OF THE TYURA TAM MISSILE TEST CENTER TO DATE --

25X1

COMPLEX A -- NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED]. HOWEVER, IT CAN BE CONFIRMED THAT AT LEAST TWO RAIL LINES GO OUT TO LAUNCH PAD A2.

25X1

COMPLEX B -- NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED]. A POSSIBLE POWER RAIL CAR IS LOCATED BETWEEN THE CHECKOUT BUILDING AND THE LAUNCH PLATFORM.

COMPLEX C (ATTACHMENT II) -- LAUNCH PAD 3C APPEARS COMPLETED AND A TYPICAL LAUNCHER/ERECTOR IS VISIBLE. 2C SHOWS ACTIVITY, WITH A PROBABLE MISSILE ON THE

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PAD. 7 LARGE VEHICLES, WITH AT LEAST 2 IN MOTION, ARE ON THE LOOP ROAD JUST NORTH OF THE PAD. IN ADDITION, THERE ARE ALSO OTHER VEHICLES AND RAIL CARS IN THE VICINITY OF THE CHECKOUT AND ASSEMBLY BUILDING. PRELIMINARY MENSURATION OF THE PROBABLE MISSILE ON THE PAD AT 12C INDICATES IT TO BE APPROXIMATELY 95-100 FT. IN LENGTH WITH THE LOWER PORTION HAVING A WIDTH OF APPROXIMATELY 15-20 FT. FOR THE FIRST 30-35 FT. THE UPPER PORTION IS NARROWER.

**COMPLEX D -- NO SIGNIFICANT CHANGE SINCE MISSION**

25X1

**COMPLEX E (ATTACHMENT III) -- A LARGE BUILDING IS LOCATED AT LAUNCH POINTS E1 AND E2. THE THIRD PROBABLE LAUNCH POINT E3 CAN BE NEGATED ON THE BASIS OF PRESENT COVERAGE. FOUR LARGE TOWERS ARE LOCATED WITHIN THE COMPLEX.**

25X1

**COMPLEX F -- NO SIGNIFICANT CHANGE SINCE MISSION**  
**[REDACTED] CONSTRUCTION HAS NOT PROGRESSED TO THE STAGE WHERE THE TYPE OR CONFIGURATION OF LAUNCH FACILITY CAN BE DETERMINED.**

**COMPLEX G (ATTACHMENT IV) -- LAUNCH COMPLEX G IS ROAD AND RAIL SERVED. THE LAYOUT OF THE COMPLEX SHOWS SIMILARITIES TO COMPLEX A, HOWEVER, THE OVERALL SIZE OF THE COMPLEX IS SUBSTANTIALLY LARGER. THE COMPLEX CONSISTS OF A LARGE SUPPORT AREA AND A LAUNCH AREA. A RAIL-SERVED CHECKOUT BUILDING IS UNDER CONSTRUCTION. THIS BUILDING WILL BE AS LARGE AS CHECKOUT BUILDING NO 9 AT COMPLEX A. NUMEROUS SUPPORT AND BARRACKS-TYPE BUILDINGS ARE UNDER CONSTRUCTION AT THE COMPLEX.**

THE NEW-TYPE SAM SITES COLOCATED WITH B-03, B-21, B-26, AND B-32 SA-2 SAM SITES APPEAR ESSENTIALLY THE SAME AS PREVIOUSLY REPORTED. AN ADDITIONAL NEW-TYPE SAM SITE IS LOCATED NEAR B-08 SA-2 SITE, MAKING THIS TWO NEW-TYPE SITES COLOCATED WITH THAT SA-2 SITE. THE NEW SITE IS LOCATED APPROXIMATELY 2,000 FT NORTH OF SITE B-08 AT 45-59-40N 063-52-30E. POSSIBLE LAUNCH EQUIPMENT IS DISCERNIBLE AT THE UNREVETTED SITE LOCATED NEAR B-13 SA-2 SITE.

**PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON**  
**[REDACTED]**

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COMPLEX C -

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COMPLEX D -

COMPLEX E -

COMPLEX F -

COMPLEX G -

SAM SITE B-08 -

SAM SITE B-21 -

SAM SITE B-13 -

SAM SITE B-32 -

SAM SITE B-03 -

SAM SITE B-26 -



25X1

25X1

25X1

SERGACH ICBM SEARCH 5531N 04531E

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN  
50-NM RADIUS OF SERGACH.

THE RAIL SPURS ON THE WESTERN OUTSKIRTS OF SERGACH  
DO NOT RESEMBLE THOSE AT ANY KNOWN ICBM LAUNCH  
COMPLEX.



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SHAKHUNYA SUSPECT SSM AREA 5740N 04637E

NO SSM ACTIVITY OBSERVED IN CLEAR AREAS WITHIN 50-NM  
RADIUS OF SHAKHUNYA.

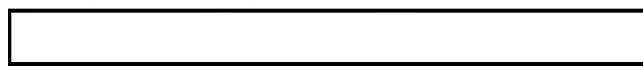


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CHELYABINSK SUSPECT SSM AREA 5510N 06125E

ONLY PORTION OF WESTERN HALF OF SEARCH AREA COVERED.  
NO SSM ACTIVITY OBSERVED.



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ABAZA SUSPECT SSM AREA 5239N 09006E

NO SSM ACTIVITY OBSERVED IN CLEAR AREAS. WESTERN HALF OF SEARCH AREA CLOUD COVERED.

25X1

25X1

PIBANSHUR SUSPECT SSM ACTIVITY 5752N 05319E

NO SSM ACTIVITY IDENTIFIED IN CLOUD-FREE AREAS WITHIN 50-NM RADIUS OF INDICATED COORDINATES.

25X1

25X1

LYALICHI POSS MRBM LAUNCH SITE 4401N 13226E

A RE-ANALYSIS OF THE POSSIBLE MRBM LAUNCH SITE ON GOOD STEREO COVERAGE PERMITS ITS NEGATION AS MRBM LAUNCH SITE. HOWEVER, THE INSTALLATION MAY BE MISSILE ASSOCIATED AS SUGGESTED BY THE PRESENCE OF SEVERAL DRIVE-THROUGH BUILDINGS.

THE AREAS PREVIOUSLY IDENTIFIED AS POSSIBLE PADS ARE NOT PADS.

25X1

25X1

NOVOSYSOYEVKA MRBM LAUNCH SITE 4411N 13333E

NO MATCHING MRBM SITE IDENTIFIED WITHIN 25-NM RADIUS OF NOVOSYSOYEVKA.

25X1

25X1

KURENETS SUSPECT MRBM AREA 5433N 02657E

EXTREME WESTERN PORTION OF SEARCH AREA COVERED.  
NO MRBM ACTIVITY OBSERVED.

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[REDACTED] KULDIGA SUSPECT MRBM AREA 5658N 02159E

WESTERN PORTION OF SEARCH AREA COVERED BY CLEAR PHOTOGRAPHY. NO MRBM ACTIVITY PRESENT.

[REDACTED] 25X1

25X1

[REDACTED] GRESK MRBM LAUNCH SITE 2 5316N 02745E

SITE APPEARS COMPLETE.

[REDACTED] 25X1

25X1

[REDACTED] DYATLOVO MRBM LAUNCH SITE 5333N 02516E

THIS IRREGULAR L-CONFIGURED MRBM LAUNCH SITE APPEARS COMPLETE. THE 4 ROUND PADS ARE INDISTINCT ON THIS PHOTOGRAPHY BUT CAN BE IDENTIFIED. THE 3 PADS FORMING THE LONG AXIS OF THE L ARE CONSTRUCTED IN A NW/SE LINE. THE MATCHING BEREZOVKA MRBM LAUNCH SITE ALSO APPEARS COMPLETE.

[REDACTED] 25X1

25X1

[REDACTED] BEREZOVKA MRBM LAUNCH SITE 5336N 02526E

THIS INLINE MRBM LAUNCH SITE APPEARS COMPLETE AS DOES THE MATCHING DYATLOVO MRBM LAUNCH SITE.

[REDACTED] 25X1

25X1

[REDACTED] GROSS STEFFELSDORF SUSPECT MRBM AREA (CZECH) 4823N 02002E

NO MRBM ACTIVITY OBSERVED WITHIN 15-NM RADIUS OF GROSS STEFFELSDORF.

[REDACTED] 25X1

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25X1

[REDACTED] ZIPSER NEUDORF SUSPECT MRBM AREA (CZECH) 4857N 02034E

NO MRBM ACTIVITY OBSERVED WITHIN 15-NM RADIUS OF ZIPSER NEUDORF.

[REDACTED] 25X1

25X1

[REDACTED] ZELENA-FRYDEK SUSPECT MRBM AREA (CZECH) 4941N 01821E

NO MRBM ACTIVITY OBSERVED WITHIN 15-NM RADIUS OF ZELENA-FRYDEK.

[REDACTED] 25X1

25X1

[REDACTED] RUZOMBEROK SUSPECT MRBM AREA (CZECH) 4905N 01919E

NO MRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN 15-NM RADIUS OF RUZOMBEROK.

[REDACTED] 25X1

25X1

[REDACTED] BOZNSKA BYSTRICA SUSPECT MRBM AREA (CZECH) 4844N 01909E

NO MRBM ACTIVITY OBSERVED WITHIN 15-NM RADIUS OF BOZNSKA BYSTRICA.

[REDACTED] 25X1

25X1

[REDACTED] GRODNO SUSPECT MRBM AREA 5339N 02350E

NO SSM ACTIVITY IDENTIFIED IN CLOUD-FREE AREAS WITHIN 25-NM RADIUS OF GRODNO.

[REDACTED] 25X1

25X1

[REDACTED] VECZVARDE SUSPECT SSM AREA 5634N 02240E

WESTERN PORTION OF SEARCH AREA COVERED BY CLEAR PHOTOGRAPHY. NO SSM ACTIVITY IDENTIFIED IN CLEAR

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AREAS WITHIN 25-NM OF VECZVARDE OTHER THAN THE  
NIGRANDE MRBM LAUNCH SITE.

25X1

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NIGRANDE MRBM LAUNCH SITE 5631N 02202E

NO MATCHING SITE IDENTIFIED IN VICINITY. HOWEVER,  
CLOUD COVER PRECLUDES A THOROUGH SEARCH OF THE AREA.

25X1

25X1

KOZHANOVICHI POSSIBLE MRBM LAUNCH SITE 1 5210N 02751E

THIS SITE CAN BE NEITHER CONFIRMED NOR NEGATED BY  
THIS COVERAGE.

25X1

25X1

MARINA GORKA MRBM LAUNCH SITE 5326N 02745E

THIS INLINE MRBM SITE APPEARS COMPLETE. THE FOUR  
ELONGATED PADS ARE PLACED TO THE NE OF THE READY  
BUILDINGS AND SUPPORT AREA. THERE IS NO MATCHING  
SITE LOCATED WITHIN 15-NM RADIUS OF MARINA GORKA MRBM  
LAUNCH SITE.

25X1

25X1

SHCHUCHIN SUSPECT MRBM AREA 5336N 02445E

NO MRBM ACTIVITY IDENTIFIED IN CLOUD-FREE PORTIONS  
OF SEARCH AREA.

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25X1

[REDACTED] ROZHDESTVENKA MRBM LAUNCH SITE 4547N 13344E

NO MATCHING MRBM LAUNCH SITE IDENTIFIED WITHIN A  
25-NM RADIUS OF ROZHDESTVENKA.

[REDACTED] 25X1

25X1

[REDACTED] URECHYE MRBM LAUNCH SITE 5311N 02758E

THERE IS NO MATCHING MRBM LAUNCH SITE LOCATED WITHIN  
15-NM RADIUS OF THE URECHYE MRBM LAUNCH SITE.

[REDACTED] 25X1

25X1

[REDACTED] VENTSPILS SUSPECT MRBM SITE 5730N 02135E

WESTERN HALF OF SEARCH AREA COVERED BY CLEAR  
PHOTOGRAPHY. NO MRBM ACTIVITY PRESENT IN AREA  
COVERED.

[REDACTED] 25X1

25X1

[REDACTED] KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER 4835N 04545E

25X1

THE ONLY SIGNIFICANT CHANGE SINCE MISSION [REDACTED]  
[REDACTED] IS IN THE NEW AREA (FIRST REPORTED ON MISSION  
[REDACTED]) LOCATED EAST OF THE SERVICE ROAD AND RAILROAD  
TO LAUNCH COMPLEX C AND SOUTH OF THE RAIL-SERVED  
SUPPORT AREA. ONE LARGE BUILDING AND AT LEAST 3  
SMALLER BUILDINGS ARE NOW PRESENT AND CONSTRUCTION  
CONTINUES. A POSSIBLE RAILBED NOW EXTENDS TO THE  
AREA.

[REDACTED] 25X1

25X1

[REDACTED] 25X2

[REDACTED]

25X1

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SARY SHAGAN ANTIMISSILE TEST CENTER 46°02N 073°34E

ONLY FACILITIES COVERED ARE INSTRUMENTATION SITES NO 5, 6, 7, 8, AND POSSIBLE SITE 14 IN THE WESTERN PORTION OF THE TEST CENTER. NO SIGNIFICANT CHANGE IS OBSERVED IN THESE FACILITIES SINCE [REDACTED]

25X1

25X1

[REDACTED] EXCEPT THAT THE EXTENSION OF THE INTERFEROMETER ARMS AT SITE 6 HAS BEEN COMPLETED.

25X1

25X1

CHELKAR MISSILE LAUNCH FACILITY 48°05N 059°35E

25X1

NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED]  
NO ANTENNAS IDENTIFIED.

25X1

KAMCHATKA PENINSULA SUSPECT ABM AREA 56°00N 16°00E

A SEARCH OF CLEAR AREAS ON KAMCHATKA PENINSULA ON 7 PASSES REVEALED NO ABM LAUNCH SITES. WEATHER CONDITIONS ON THE 7 PASSES RANGE FROM 40-60 PERCENT CLOUD COVERED ON THE EASTERN HALF OF THE PENINSULA TO 90 PERCENT ON THE WESTERN HALF. A POSSIBLE INTERFEROMETER SITE IS UNDER CONSTRUCTION AT 56-16N 161-00E, APPROXIMATELY 6.0 NM SE OF KLYUCHI.

AN AREA OF UNIDENTIFIED ACTIVITY AT 53-15N 160-00E ON A POINT (MYS ARGALI) 40 NM NE OF BAZA CONTAINS A HOUSING AREA WITH A ROAD LEADING TO A GENERALLY CIRCULAR CLEARING. INSUFFICIENT DETAIL DISCERNIBLE FOR IDENTIFICATION OF ACTIVITY.

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[REDACTED]

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VOZZHAYEVKA SUSPECT SSM AREA 5043N 12843E

NO MISSILE-ASSOCIATED ACTIVITY OBSERVED IN CLEAR AREAS WITHIN 50-NM RADIUS OF VOZZHAYEVKA AIRFIELD. EASTERN PORTION OF AREA NOT COVERED BY PHOTOGRAPHY.

25X1

25X1

SARY SHAGAN POSSIBLE INSTRUMENTATION SITE 14 4707N 06910E

NO SIGNIFICANT CHANGE SINCE MISSION

25X1

25X1

KURUMOCH ROCKET ENGINE TEST FACILITY 5331N 04949E

CONSTRUCTION ACTIVITY CONTINUES IN NORTHERN SECTION OF TEST FACILITY. A STEEP-SIDED EXCAVATION ALONG THE EDGE OF A RAVINE AND A RECTANGULAR RESERVOIR-LIKE EXCAVATION AT THE END OF THE SAME RAVINE

25X1

25X1  
25X1

SECURED AREA OF THE TEST FACILITY ALSO APPEARS TO HAVE BEEN EXPANDED TO THE NORTH. NO UNUSUALLY LONG RAIL CARS, OR EVIDENCE OF OPERATIONAL ACTIVITY CAN BE DISCERNED.

25X1

25X1

KUYBYSHEV AIRCRAFT ENGINE PLANT FRUNZE 24 5312N 05017E

NO UNUSUALLY LONG RAIL CARS, CONSTRUCTION ACTIVITY, OR MISSILE ENGINE TEST STANDS OBSERVED IN PLANT AREA.

25X1

25X1

KUYBYSHEV AIRFRAME PLT LENIN OR VOROSHILOV 18 5313N 05019E

NO UNUSUALLY LONG RAIL CARS, CONSTRUCTION ACTIVITY, OR MISSILE ENGINE TEST STANDS OBSERVED IN PLANT

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AREAS.



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KUYBYSHEV AIRFRAME PLANT STALIN 1 5313N 05018E

NO UNUSUALLY LONG RAIL CARS, CONSTRUCTION ACTIVITY,  
OR MISSILE ENGINE TEST STANDS OBSERVED IN PLANT  
AREAS.

AIRCRAFT -- APPROXIMATELY 12 UNIDENTIFIED AIRCRAFT  
OBSERVED ON ADJACENT AIRFIELD.



25X1

25X2

25X1



25X1

25X1

UFA A/C ENGINE PLT B 26 5447N 05604E

NO UNUSUALLY LONG RAIL CARS COULD BE IDENTIFIED. NO  
NEW CONSTRUCTION WAS OBSERVED AT AIRCRAFT ENGINE  
PLANT B 26. THE POSSIBLE STATIC TEST AREA 16 NM  
NORTH OF UFA REVEALS EVIDENCE OF A NEW RAIL SPUR  
WITHIN THE SECURED AREA AND TWO OR POSSIBLY THREE  
NEW STRUCTURES AT THE END OF THE OLD RAIL SPUR. THE  
ENTIRE ROAD PATTERN WITHIN THE SECURED AREA ALSO  
APPEARS TO BE MORE DEVELOPED.

GRID REFERENCES FOR SIGNIFICANT ITEMS ON



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[REDACTED] UFA A/C ENGINE PLANT A 26 5447N 05607E

SEE ABOVE.

25X1

[REDACTED] MINSK AREA MISSILE PRODUCTION SEARCH 5353N 02734E

NO MISSILE PRODUCTION FACILITIES OBSERVED IN CLEAR AREAS WITHIN 25-NM RADIUS OF MINSK. MORE THAN HALF OF AREA CLOUD COVERED.

25X1

25X1

[REDACTED] KAZAN AIRCRAFT ENGINE PLANT 16 5551N 04907E

A SEARCH OF CLOUD-FREE PORTIONS OF THE AREA WITHIN 35-NM OF KAZAN REVEALS NO ROCKET ENGINE TEST FACILITIES.

25X1

25X1

[REDACTED] BRZEG (BRIEG) SUSPECT MISSILE AREA (POLAND) 5051N 01728E

NO SSM ACTIVITY OBSERVED IN CLEAR AREAS WITHIN 25-NM RADIUS OF BRZEG.

25X1

25X1

[REDACTED] NOVE MESTO POD SUSPECT MISSILE AREA (CZECH) 5056N 01515E

NO SSM ACTIVITY OR UNUSUAL COMMUNICATIONS FACILITIES OBSERVED IN CLEAR AREAS IN VICINITY OF NOVE MESTO POD. ONLY HALF OF AREA COVERED BY PHOTOGRAPHY.

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25X1

[REDACTED] NIEN-TZU-SHAN SUSPECT MISSILE ACTIVITY (CHINA) 4731N 12253E

NO MISSILE ACTIVITY OBSERVED IN AREA.

25X1

25X1

[REDACTED] PANG-CHIANG SUSPECT MISSILE AREA (CHINA) 4250N 11301E

NO MISSILE-RELATED ACTIVITY OBSERVED IN CLEAR AREAS  
WITHIN A 25-NM RADIUS OF PANG-CHIANG. SEARCH  
HAMPERED BY HEAVY HAZE.

25X1

25X1

[REDACTED] BALTIYSK NAVAL BASE 5439N 01955E

APPROXIMATELY 10 UNIDENTIFIED VESSELS OBSERVED AT  
NAVAL BASE. HAZE AND OBLIQUITY PRECLUDE DETAILED  
INTERPRETATION.

25X1

25X1

[REDACTED] VLADIMIR SUBMARINE BASE 4354N 13530E

VESSELS -- ONE POSSIBLE SURFACE VESSEL AT SUBMARINE  
BASE, APPROXIMATELY 3 SMALL VESSELS AT TORPEDO-BOAT  
BASE, AND APPROXIMATELY 8 PROBABLE NAVAL VESSELS AT  
REPORTED COMMERCIAL PORT.

WEST OF PORT IS A SECURED STORAGE AREA WITH 3 LARGE  
REVETTED BUILDINGS. ADJOINING THE SECURED AREA ARE  
APPROXIMATELY 10 LARGE BUILDINGS, AT LEAST 2  
REVETTED. THERE IS A CONVENTIONAL MUNITIONS STORAGE  
AREA ON NORTHERN EDGE OF BAY.

25X1

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25X1

**TOP SECRET**

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25X1

KALININGRAD NAVAL MISSILE FACILITIES 5450N 02028E

SUSPECT NAVAL MISSILE FACILITY CLOUD COVERED. NEW INSTALLATION ONE NM WEST IS PROBABLY ASSOCIATED WITH SUSPECT FACILITY. INSTALLATION CONSISTS OF A BUILDING AREA ON SAME ROAD AS SUSPECT FACILITY AND SEMICIRCULAR ROAD THROUGH WOODS SERVING POSSIBLE DISPERSED BUILDINGS. POSSIBLE DISPERSED BUILDINGS MAY CORRESPOND TO DISPERSED BUILDINGS OBSERVED AT DUNAY SITE. INSTALLATION POSSIBLY UNDER CONSTRUCTION.

25X1

25X1

KOMSOMOLSK/NIKOLAYEVSK SEARCH 5033N 13702E

NO VESSELS OBSERVED IN CLEAR PORTIONS OF SEARCH AREA. AMUR RIVER MORE THAN 90 PERCENT CLOUD COVERED.

25X1

MISSILE BONUS 1. KRASKINO MRBM LAUNCH SITE 4244N 13040E

AN INLINE MRBM LAUNCH SITE, APPARENTLY COMPLETE, HAS BEEN IDENTIFIED 5.0 NM WNW OF KRASKINO AND 2.7 NM NORTH OF EKSPEDITSII BAY AT 42-44-00N 130-40-40E. THE SITE, ON A HILLSIDE JUST WEST OF THE CHERUKHE RIVER, CONTAINS FOUR ELONGATED PADS ALIGNED IN A NORTHERLY DIRECTION AND FOUR ASSOCIATED READY BUILDINGS. SEVERAL SUPPORT BUILDINGS ARE LOCATED IMMEDIATELY SOUTH OF THE READY BUILDINGS. THE ACCESS ROAD CONNECTS WITH A ROAD LEADING EAST TO RAIL-SERVED TOWN OF KRASKINO. NO MATCHING LAUNCH SITE HAS BEEN IDENTIFIED WITHIN A 25-NM RADIUS OF KRASKINO.

25X1

MISSILE BONUS 2. KALININGRAD SA-3 SAM SITE 5453N 02033E

12.5 NM NNE OF KALININGRAD AT 54-53-45N 020-33-40E.

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25X1

NEWLY IDENTIFIED SA-3 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 10AL, 2D ED, MAY 61.



MISSILE BONUS 3. THE FOLLOWING SA-2 SAM SITES HAVE BEEN NEWLY IDENTIFIED --

2.8 NM NW OF PRITZWALK (EAST GERMANY) AT 53-11-35N 012-08-20E. SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 169-16HL, 2D ED, JAN 62.

25X1

25X1

6.8 NM ENE OF BUNZLAU (POLAND) AT 51-18-20N 015-44-59E. SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 231-23 L5, 2D ED, APR 62.



25X1

0.5 NM SW OF LIEGNITZ (POLAND) AT 51-11-50N 016-08-30E. SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 232-6, 1ST ED, AUG 57.



BONUS 4. EMBA POSSIBLE MISSILE ASSOCIATED FACILITY 4836N 05758E

25X1

THE PREVIOUSLY REPORTED AND LATER NEGATED PROBABLE MISSILE RANGE AT EMBA HAS BEEN EXAMINED ON EXCELLENT QUALITY PHOTOGRAPHY AND IS NOW BELIEVED TO BE A POSSIBLE MISSILE ASSOCIATED AREA. CENTERED IN THE PREVIOUSLY IDENTIFIED BELL-SHAPED PATTERN ARE TWO RECTANGULAR DOUBLE-FENCED AREAS. ONE ON [REDACTED]

25X1

[REDACTED] CONTAINS HARD SURFACED ROADS WITH WIDE RADIUS CURVES AND APPARENTLY TWO, HARD SURFACED PAD-LIKE AREAS, ONE LARGE BUILDING, AND AT LEAST 2 SMALLER STRUCTURES.

25X1

AIRFIELDS

25X1

[REDACTED] CHEPELEVKA AIRFIELD 4947N 03026E

25X2

25X1

[REDACTED] PREVIOUSLY DESCRIBED UNIDENTIFIED AREA CLOUD COVERED.

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AIRCRAFT -- TOTAL OF 34. ONE LARGE SWEPT-WING IN  
LOADING AREA, 2 UNIDENTIFIED STRAIGHT-WING ON GRASS  
AT EAST END OF AIRFIELD JUST NORTH OF RUNWAY. 29  
LARGE SWEPT-WING AND 2 MEDIUM SWEPT-WING PARKED ON  
HARDSTANDS ALONG LOOP TAXIWAY.

25X1

25X1

[REDACTED] DOLON AIRFIELD 5032N 07912E

AIRCRAFT -- 22 LARGE SWEPT-WING (PROBABLE BEAR),  
14 MEDIUM SWEPT-WING (PROBABLE BADGER), 14  
UNIDENTIFIED STRAIGHT-WING. ONE OF THE LARGE  
SWEPT-WING AIRCRAFT IS ON LOADING STAND.

25X1

25X1

[REDACTED] OMSK AIRCRAFT PLANT STALIN 166 5458N 07326E

NO AIRCRAFT IN PLANT AREA OR AT OMSK EAST AIRFIELD.

25X1

25X1

[REDACTED] KAZAN AIRFRAME PLANT GORBUNOV 22 5552N 04908E

5-8 POSSIBLE AIRCRAFT. HAZE PRECLUDES  
IDENTIFICATION AND ACCURATE COUNT OF AIRCRAFT AND  
DETECTION OF CHANGES IN PLANT FACILITIES.

25X1

25X2

**TOP SECRET**

25X1

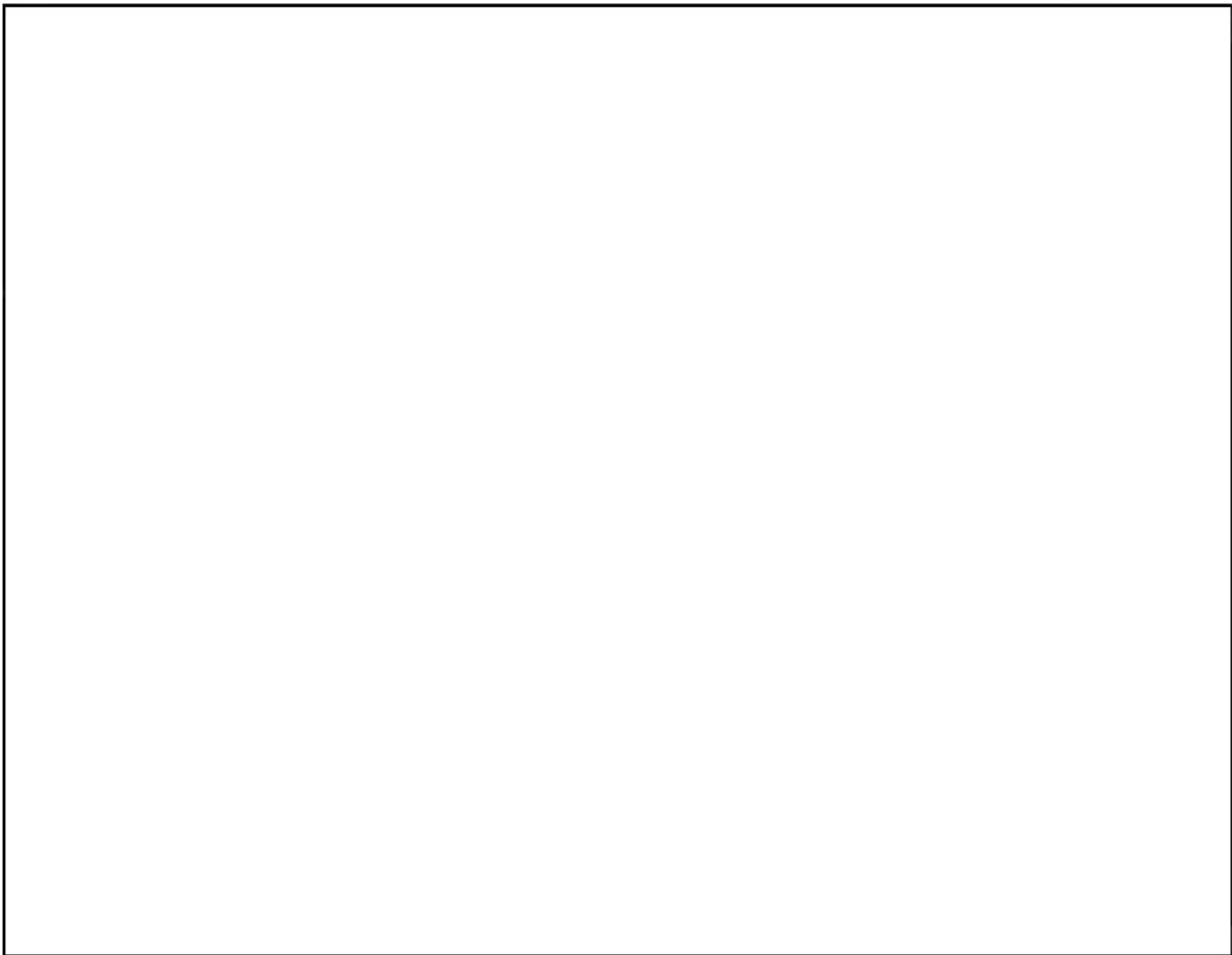
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INDEX OF COMOR TARGETS

25X2

THIS SECTION CONTAINS A COMPOSITE LIST, BY TARGET NUMBER, OF ALL COMOR TARGETS REVIEWED DURING THE SCAN OF [REDACTED] THE ROMAN NUMERAL UNDER THE OAK COLUMN INDICATES THE PART OF [REDACTED] IN WHICH THE TARGET WAS REPORTED. THE LETTERS NO IN THE OAK COLUMN INDICATE THAT THE TARGET WAS NOT OBSERVED DUE TO ADVERSE WEATHER OR OTHER CONDITIONS, AND THE LETTERS NC INDICATE THAT THE TARGET WAS NOT COVERED BY THE PHOTOGRAPHY.

25X2

**TOP SECRET**

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**TOP SECRET**

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| COMOR | INSTALLATION NAME                     | COORDINATES OAK |
|-------|---------------------------------------|-----------------|
|       | POLYARNYY URAL SUSPECT ICBM AREA      | 6703N 06524E NC |
|       | PLESETSK ICBM LAUNCH COMPLEX          | 6252N 04040E II |
|       | YURYA ICBM LAUNCH COMPLEX             | 5903N 04919E II |
|       | ARKHANGELSK SUSPECT ICBM AREA         | 6432N 04032E NO |
|       | VERKHNYAYA SALDA ICBM LAUNCH COMPLEX  | 5802N 06023E I  |
|       | TYURA TAM MISSILE TEST CENTER         | 4550N 06318E II |
|       | YOSHKAR-OLA ICBM LAUNCH COMPLEX       | 5634N 04803E NO |
|       | SVOBODNYY ICBM LAUNCH COMPLEX         | 5146N 12807E I  |
|       | DROVYANAYA ICBM LAUNCH COMPLEX        | 5132N 11301E NC |
|       | KOSTROMA ICBM LAUNCH COMPLEX          | 5750N 04115E NO |
|       | ITATKA ICBM LAUNCH COMPLEX            | 5650N 08536E NO |
|       | SHADRINSK ICBM LAUNCH COMPLEX         | 5605N 06338E NO |
|       | OMSK ICBM LAUNCH COMPLEX              | 5503N 07330E I  |
|       | PERM ICBM LAUNCH COMPLEX              | 5742N 05619E I  |
|       | TEYKOVO ICBM LAUNCH COMPLEX           | 5652N 04035E I  |
|       | NYANDOMA POSSIBLE ICBM LAUNCH COMPLEX | 6139N 04010E NO |
|       | TYUMEN ICBM LAUNCH COMPLEX            | 5652N 06552E NO |
|       | YEDROVO ICBM LAUNCH COMPLEX           | 5751N 03341E NO |
|       | BELOGORSK SUSPECT SSM AREA            | 5055N 12828E I  |
|       | GLADKAYA ICBM LAUNCH COMPLEX          | 5605N 09212E NO |
|       | BRATSK SUSPECT SSM AREA               | 5605N 10148E NO |
|       | RZHEV SUSPECT SSM AREA                | 5615N 03420E NO |
|       | SVERDLOVSK SUSPECT SSM AREA           | 5650N 06037E NO |
|       | NOVOSIBIRSK ICBM LAUNCH COMPLEX       | 5516N 08257E NC |
|       | SERGACH ICBM SEARCH                   | 5531N 04531E II |
|       | VELSK ICBM SEARCH                     | 6105N 04207E NO |
|       | KANDALAKSHA SUSPECT SSM AREA          | 6709N 03225E NO |
|       | MURMANSK SUSPECT SSM AREA             | 6858N 03305E NC |
|       | VOLOGDA SUSPECT SSM AREA              | 5913N 03954E I  |
|       | SHAKHUNYA SUSPECT SSM AREA            | 5740N 04637E II |
|       | CHELYABINSK SUSPECT SSM AREA          | 5510N 06125E II |
|       | BEZHETSK SUSPECT SSM AREA             | 5747N 03641E NO |
|       | KIMRY SUSPECT SSM AREA                | 5652N 03721E NO |
|       | KOLOZERO SUSPECT ICBM AREA            | 6810N 03320E NC |
|       | KOZELSK ICBM LAUNCH COMPLEX           | 5357N 03548E I  |
|       | PETROPAVLOVSK SUSPECT SSM AREA        | 5452N 06906E NO |
|       | KHANTY MANSIYSK SUSPECT SSM AREA      | 6101N 06902E NC |
|       | ABAZA SUSPECT SSM AREA                | 5239N 09006E II |
|       | NERCHINSK SUSPECT SSM AREA            | 5158N 11635E I  |
|       | PIBANSUR SUSPECT SSM ACTIVITY         | 5752N 05319E II |
|       | SOVETSKAYA GAVAN SUSPECT MRBM AREA    | 4859N 14020E NC |
|       | LYALICHI POSS MRBM LAUNCH SITE        | 4401N 13226E II |
|       | NOVOSYSOYEVKA MRBM LAUNCH SITE        | 4411N 13333E II |

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|---|-----------------|
| KARANGIT POSS CD (CRUISE) MISSILE LAUNCH SITE | 4502N 03557E NC |
| TALLINN SUSPECT MRBM AREA                     | 5924N 02444E NO |
| GRANOV MRBM LAUNCH SITE                       | 4856N 02930E NO |
| LENINAKAN/YEREVAN SUSPECT MRBM AREA           | 4048N 04350E NC |
| TORVA MRBM LAUNCH SITE 2                      | 5759N 02606E NO |
| KURENETS SUSPECT MRBM AREA                    | 5433N 02657E II |
| KULDIGA SUSPECT MRBM AREA                     | 5658N 02159E II |
| RUSKI MRBM LAUNCH SITE 1                      | 5725N 02650E NO |
| GRESK MRBM LAUNCH SITE 2                      | 5316N 02745E II |
| VORU MRBM LAUNCH SITE 2                       | 5749N 02651E NO |
| KROLEVETS MRBM LAUNCH SITE 1                  | 5136N 03328E NC |
| KOZYANY MRBM LAUNCH SITE                      | 5521N 02652E NO |
| POSTAVY MRBM LAUNCH SITE                      | 5510N 02655E NO |
| YEREVAN SUSPECT MRBM AREA                     | 4011N 04430E NC |
| LEBEDIN MRBM LAUNCH SITE 1                    | 5033N 03426E NC |
| TAPA SUSPECT MISSILE AREA                     | 5916N 02558E NO |
| RAGNIT MRBM LAUNCH SITE                       | 5502N 02211E NO |
| LIDA MRBM LAUNCH SITE 1                       | 5347N 02521E NO |
| DYATLOVO MRBM LAUNCH SITE                     | 5333N 02516E II |
| BEREZOVKA MRBM LAUNCH SITE                    | 5336N 02526E II |
| GROSS STEFFELSDORF SUSPECT MRBM AREA (CZECH)  | 4823N 02002E II |
| ZIPSER NEUDORF SUSPECT MRBM AREA (CZECH)      | 4857N 02034E II |
| ZELENA-FRYDEK SUSPECT MRBM AREA (CZECH)       | 4941N 01821E II |
| RUZOMBEROK SUSPECT MRBM AREA (CZECH)          | 4905N 01919E II |
| BOZNSKA BYSTRICA SUSPECT MRBM AREA (CZECH)    | 4844N 01909E II |
| BORKOVICHI MRBM LAUNCH SITE                   | 5541N 02827E NC |
| KARA-BABA POS MRBM LAUNCH SITE 2              | 4431N 07759E NC |
| ZHMERINKA MRBM LAUNCH SITE                    | 4910N 02804E NO |
| ZHITOMIR MRBM LAUNCH SITE 1                   | 5004N 02816E NO |
| LIPNIKI POSSIBLE MRBM LAUNCH SITE             | 5112N 02826E NO |
| GRODNO SUSPECT MRBM AREA                      | 5339N 02350E II |
| VECZVARDE SUSPECT SSM AREA                    | 5634N 02240E II |
| NIGRANDE MRBM LAUNCH SITE                     | 5631N 02202E II |
| KUSHKA SUSPECT SSM AREA                       | 3516N 06224E NC |
| RISTI MRBM LAUNCH SITE 2                      | 5906N 02406E NO |
| KOZHANOVICHI POSSIBLE MRBM LAUNCH SITE 1      | 5210N 02751E II |
| BERDICHEV MRBM LAUNCH SITE                    | 5006N 02822E NO |
| MARINA GORKA MRBM LAUNCH SITE                 | 5326N 02745E II |
| KROLOVETS MRBM LAUNCH SITE 2                  | 5140N 03330E NC |
| SHCHUCHIN SUSPECT MRBM AREA                   | 5336N 02445E II |
| NAVY SUSPECT MRBM AREA                        | 4009N 06522E NC |
| LEJASCIEMS MRBM LAUNCH SITE                   | 5721N 02644E NO |
| TAURAGE MRBM LAUNCH SITE 3                    | 5505N 02219E NO |
| MARIJAMPOLE SUSPECT MRBM AREA                 | 5433N 02321E NO |
| SVISLOCH SUSPECT MRBM AREA                    | 5326N 02859E NC |
| ROZHDESTVENKA MRBM LAUNCH SITE                | 4547N 13344E II |
| UGOLNYY MRBM LAUNCH SITE                      | 6446N 17758E NO |
| URECHYE MRBM LAUNCH SITE                      | 5311N 02758E II |
| TIKSI SUSPECT SSM SITE                        | 7138N 12852E NC |

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| KURDZHIISKAYA MRBM LAUNCH SITE                 | 4431N 04000E NC |
| VENTSPILS SUSPECT MRBM SITE                    | 5730N 02135E II |
| ROGAS SUSPECT MRBM SITE                        | 5654N 02440E NO |
| KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER  | 4835N 04545E II |
| SARY SHAGAN ANTIMISSILE TEST CENTER            | 4602N 07334E II |
| CHELKAR MISSILE LAUNCH FACILITY                | 4805N 05935E II |
| TIEN TSUNG TA WAN MISSILE TEST CENTER (CHINA)  | 4107N 10020E NC |
| TU-KO-MA-CHING POSS MISS PROP TEST FAC (CHINA) | 4051N 10941E NO |
| KAMCHATKA PENINSULA SUSPECT ABM AREA           | 5600N 16000E II |
| VOZHAYEVKA SUSPECT SSM AREA                    | 5043N 12843E II |

25X2

|  |                 |
|--|-----------------|
| SARY SHAGAN POSSIBLE INSTRUMENTATION SITE 14   | 4707N 06910E II |
| DNEPROPETROVSK MOTOR VEHICLE PLANT 3 (DAZ)     | 4826N 03459E NC |
| MOSCOW/KHIMKI GUIDED MISSILE PLANT 456         | 5554N 03727E NO |
| MOSCOW/KALININGRAD GUIDED MISSILE PLANT NO 88  | 5555N 03748E NO |
| ZAGORSK SUSPECT STATIC TEST FAC KRSNOZAVODSK   | 5627N 03812E NO |
| KURUMOCH ROCKET ENGINE TEST FACILITY           | 5331N 04949E II |
| MOLOTOV ARMS PL MOTOVILIKHA MOLOTOV 172        | 5802N 05617E NO |
| MOLOTOV AIRCRAFT ENGINE PLANT STALIN 19        | 5759N 05614E NO |
| KRASNOYARSK ARMS PLANT VOROSHILOV NO 4         | 5600N 09269E NO |
| KRASNOYARSK STATIC TEST STAND                  | 5605N 09327E NO |
| KUYBYSHEV AIRCRAFT ENGINE PLANT FRUNZE 24      | 5312N 05017E II |
| KUYBYSHEV AIRFRAME PLANT STALIN 1              | 5313N 05018E II |
| KUYBYSHEV AIRFRAME PLT LENIN OR VOROSHILOV 18  | 5313N 05019E II |
| OMSK AIRCRAFT ENGINE PLANT BARANOVA 29         | 5457N 07326E I  |
| OMSK ROCKET ENGINE TEST FACILITY               | 5527N 07322E I  |
| KARABASH POSS SOLID PROPELLANT MSL ENG MFG PLT | 5525N 06011E II |
| SVERDLOVSK SUSPECT STATIC TEST STAND           | 5652N 06037E NO |
| UFA A/C ENGINE PLANT A 26                      | 5447N 05607E II |
| UFA A/C ENGINE PLT B 26                        | 5447N 05604E II |
| MINSK AREA MISSILE PRODUCTION SEARCH           | 5353N 02734E II |
| VORONEZH STATIC TEST FACILITY                  | 5134N 03908E I  |
| LENINGRAD AIRCRAFT ENGINE PLT 466B (117)       | 5959N 03020E NO |
| KAZAN AIRCRAFT ENGINE PLANT 16                 | 5551N 04907E II |
| SHCHERBAKOV A/C ENGINE PLT 36                  | 5803N 03849E NO |
| UST-UKHTA, SUSPECT MISSILE PRODUCTION FACILITY | 6334N 05342E NO |
| TAI-YUAN EXPL & AMMO PROD COMPLEX (CHINA)      | 3759N 11233E NO |
| YIN-CHUAN SUSPECT MISSILE ENGINE PLT (CHINA)   | 3829N 10619E NC |

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| PORT ARTHUR (LU-SHUN) CRUISE MSL LCH SITE (CH) | 3849N 12127E NC |
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|---|-----------------|
| BRZEG (BRIEG) SUSPECT MISSILE AREA (POLAND) | 5051N 01728E II |
| NOVE MESTO POD SUSPECT MISSILE AREA (CZECH) | 5056N 01515E II |
| CHU-HSIEN SUSPECT MISSILE AREA (CHINA)      | 2902N 11857E NC |
| MEDEVAC SUSPECT MRBM AREA                   | 5818N 03031E NO |

25X1

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|--|-----------------|
| MARTSIENA POSSIBLE MISSILE SUPPORT INST  | 5647N 02607E NO |
| CHENG-HSIEN SUSPECT MISSILE AREA (CHINA) | 3445N 11340E I  |
| OZERNYY SSM SEARCH                       | 6624N 17906W NO |

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| AMDERMA SUSPECT MISSILE AREA                   | 6545N 06139E NC |
| STARAYA RUSSA SUSPECT MISSILE AREA             | 5800N 03123E NO |
| ZAPOLYARNYY SUSPECT MISSILE AREA               | 6926N 03051E NC |
| LIEN-SHAN CRUISE MISSILE LAUNCH SITE (CHINA)   | 4042N 12052E NC |
| NIEN-TZU-SHAN SUSPECT MISSILE ACTIVITY (CHINA) | 4731N 12253E II |
| PANG-CHIANG SUSPECT MISSILE AREA (CHINA)       | 4250N 11301E II |
| HO-FEI AIRFIELD (CHINA)                        | 3151N 11719E NC |
| NONKODJADJAR RPTD MISSILE SITE (INDONESIA)     | 0754S 11237E NC |
| FOOCHOW (FU-CHOU) TO TANG-KU MSSL SEARCH (CH)  | 2605N 11918E NO |
| SEVERODVINSK (MOLOTOVSK) SHIPYARD 402          | 6434N 03949E NC |
| SEVEROMORSK SUSPECT MISSILE STORAGE            | 6906N 03328E NC |
| KOMSOMOLSK SHIPYARD AMUR 199                   | 5033N 13702E NC |
| SAYDA GUBA SUBMARINE BASE                      | 6915N 03321E NC |
| BALTIYSK NAVAL BASE                            | 5439N 01955E II |
| OLENYA GUBA SUBMARINE BASE                     | 6913N 03323E NC |
| POLYARNYY NAVAL BASE                           | 6912N 03328E NC |
| LITSA BAY SUBMARINE BASE                       | 6926N 03215E NC |
| PETROPAVLOVSK/KAMCHATSKIY SUBMARINE BASE       | 5255N 15830E NC |
| VLADIMIR SUBMARINE BASE                        | 4354N 13530E II |
| VLADIVOSTOK NAVAL BASE AND SHIPYARD 202        | 4306N 13156E NO |
| PROMYSLOVKA NAVAL COMPLEX                      | 4300N 13220E NO |
| KALININGRAD NAVAL MISSILE FACILITIES           | 5450N 02028E II |
| SEVASTOPOL POSS NAVAL MISSILE STGE             | 4436N 03340E NC |
| KOMSOMOLSK/NIKOLAYEVSK SEARCH                  | 5033N 13702E II |
| LENINGRAD SUSPECT ABM AREA                     | 5955N 03020E NO |
| CHITA SUSPECT ABM AREA                         | 5254N 11332E NC |
| KOMSOMOLSK SUSPECT ABM AREA                    | 5200N 13700E NC |
| BRATSK SUSPECT ABM AREA                        | 5654N 10030E NC |
| FERGANA AMM AREA SEARCH                        | 4022N 07144E NC |
| KALIDJATI AIRFIELD (INDONESIA)                 | 0633S 10740E NC |
| CHEPELEVKA AIRFIELD                            | 4947N 03026E II |
| DOLON AIRFIELD                                 | 5032N 07912E II |
| ENGELS AIRFIELD                                | 5129N 04611E NC |
| SIAULIAI AIRFIELD                              | 5553N 02323E I  |
| UKRAINA AIRFIELD                               | 5110N 12826E NO |
| BARANOVICH AIRFIELD                            | 5306N 02603E I  |
| MINSK/MACHULISHCHE AIRFIELD                    | 5347N 02734E I  |
| OLENYA AIRFIELD                                | 6809N 03327E NC |
| BRIYENI AIRFIELD                               | 4557N 02923E NC |
| STRYY AIRFIELD                                 | 4914N 02348E NC |
| SREDNIY AIRFIELD                               | 7930N 09110E NC |
| GOFMANA AIRFIELD                               | 8116N 06015E NC |
| BELAYA AIRFIELD                                | 5254N 10335E NO |
| BYKHOV AIRFIELD                                | 5331N 03012E NC |
| MOZDOK AIRFIELD                                | 4347N 04436E NC |
| PITU AIRFIELD (INDONESIA)                      | 0203N 12818E NC |
| OMSK AIRCRAFT PLANT STALIN 166                 | 5458N 07326E II |
| KAZAN AIRFRAME PLANT GORBUNOV 22               | 5552N 04908E II |
| RAMENSKOYE AIRCRAFT EXPERIMENTAL PLT           | 5535N 03807E NC |

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25X2

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| YU-SHU AIRFIELD (CHINA)                      | 3255N 09647E NC |
| HSIA-HO, PROBABLE RESEARCH INSTITUTE (CHINA) | 3515N 10228E NC |

25X2

|   |                 |
|---|-----------------|
| FORT BAYARD (CHAN CHIANG) TSAMKONG NAVAL BASE | 2112N 11024E NC |
| TANDJUNGPRIOK, PORT FACILITIES (INDONESIA)    | 0603S 10654E NC |
| SURABAJA, NAVAL BASE (INDONESIA)              | 0712S 11244E NC |
| AMBOINA, PORT (INDONESIA)                     | 0342S 12812E NC |

25X2

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|---|-----------------|
| LU-HSIEN EXPLOSIVES PL. 23RD ARSENAL (CH) | 2853N 10523E NC |
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|---|-----------------|
| KILDIN ISLAND INSTRUMENTATION SITE      | 6922N 03412E NC |
| SAKHALIN ISLAND ELECTRONICS SEARCH      | N E NC          |
| MARKOVO SUSPECT ELECTRONICS FACILITY    | 6440N 17025E NO |
| BARANOVKA SUSPECT ELECTRONICS FACILITY  | 4648N 13721E NC |
| ANADYR SUSPECT ELECTRONICS FACILITY     | 6444N 17728E NO |
| SAMODED SUSPECT COMMUNICATIONS FACILITY | 6336N 04028E NO |
| NING-MING, TRANSSHIPMENT POINT (CHINA)  | 2212N 10705E NC |
| HAI-LA-ERH COMPLEX (CHINA)              | 4913N 11944E NO |

25X1

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|---|-----------------|
| ILUP NUR AREA CIRCULAR GROUND SCAR (CH) | 4045N 08940E NC |
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|                                      |                 |
|--------------------------------------|-----------------|
| HA-MI UNUSUAL GROUND PATTERN (CHINA) | 4305N 09255E NC |
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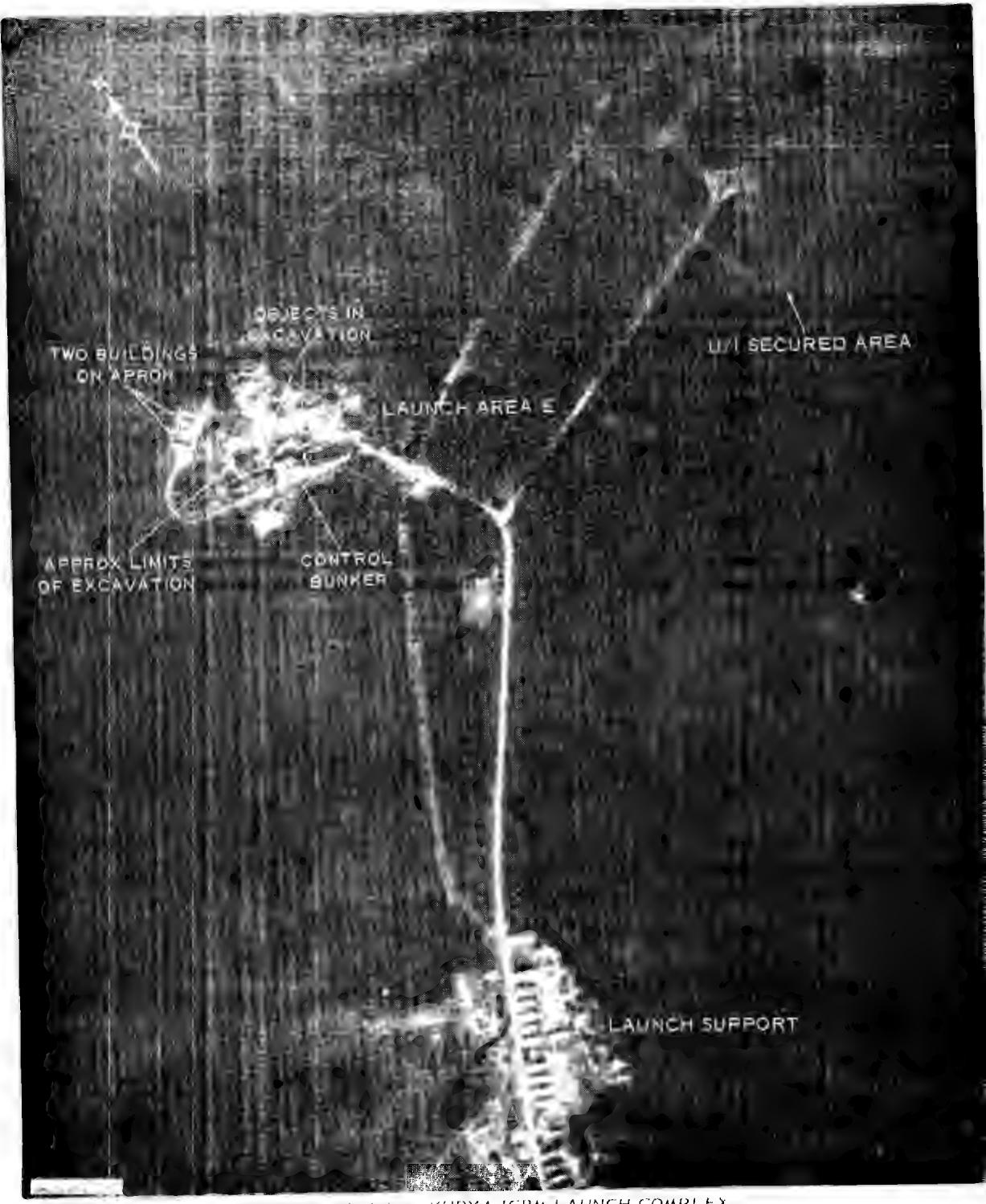
TU-NA AREA, GRID PATTERN (CHINA)

4240N 09105E NC

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ATTACHMENT I



LAUNCH AREA 1, YURYA ICBM LAUNCH COMPLEX

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ATTACHMENT II



LAUNCH COMPLEX C, TYURA TAM

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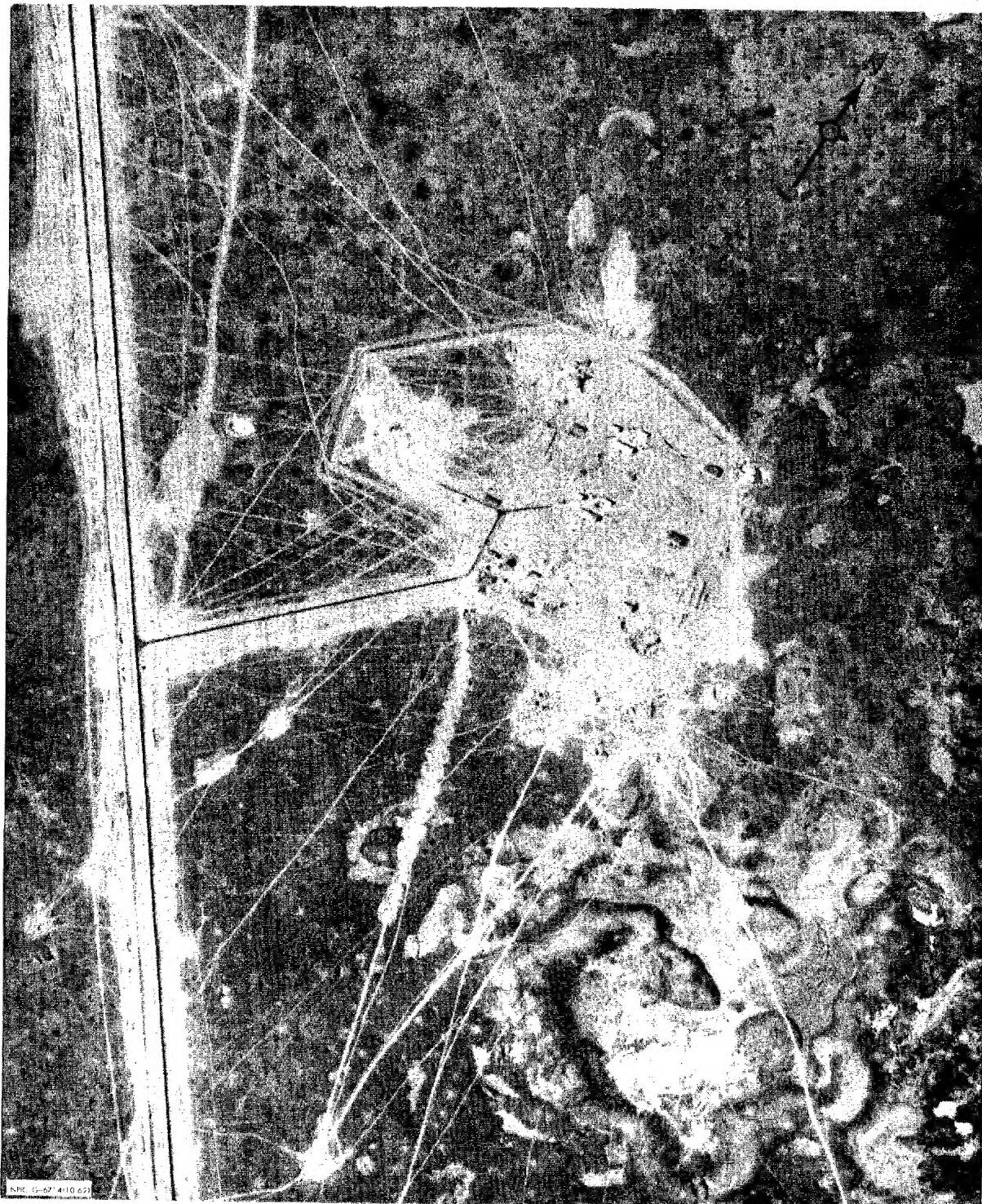
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ATTACHMENT III



LAUNCH COMPLEX E, TYURA TAM

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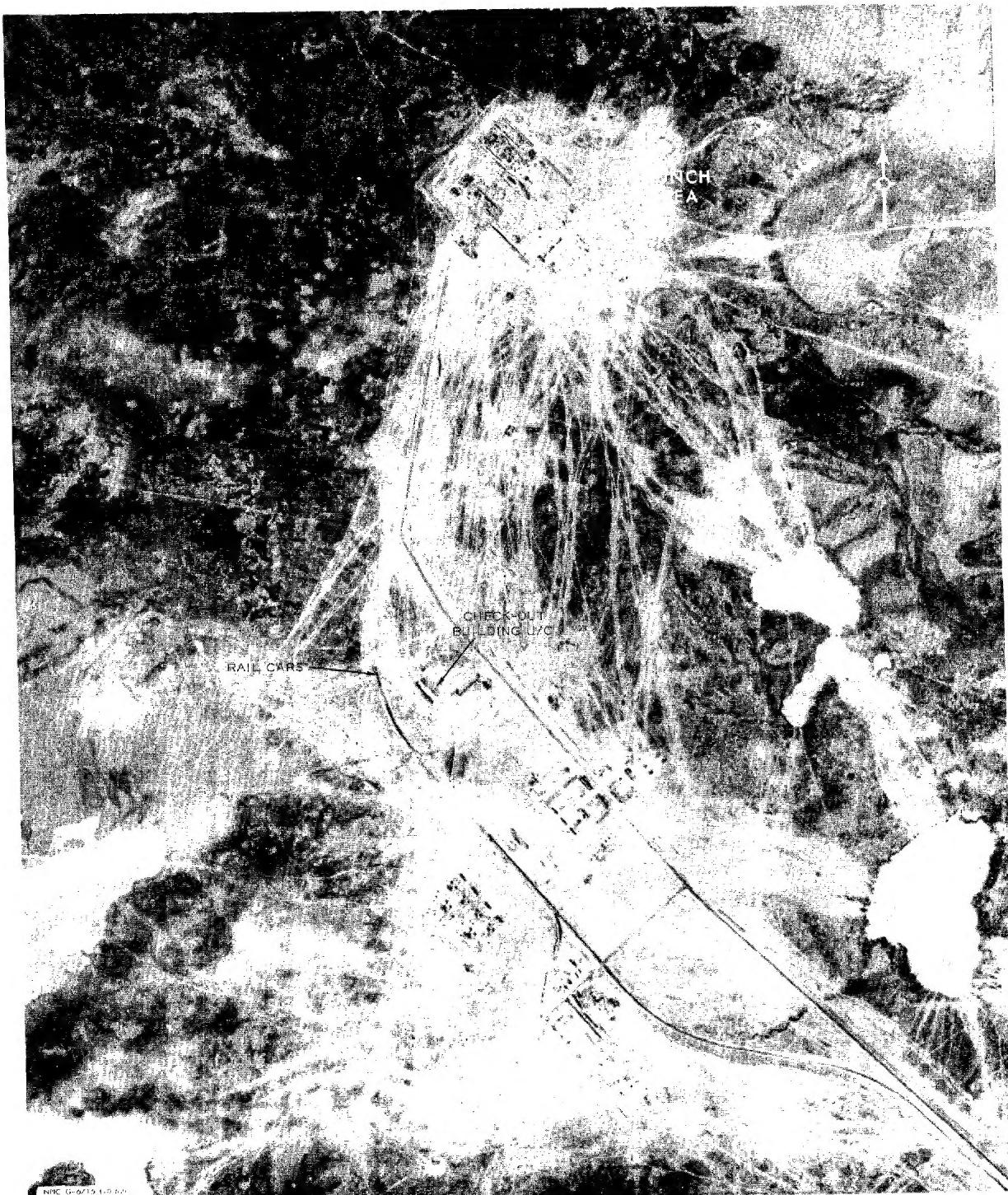
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ATTACHMENT IV



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